

XP-002157397

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A - [001] 012 03- 032 034 055 056 117 122 141 150 231 244 245 27& 32& 39&
397 398 402 403 405 428 429 431 436 440 446 473 477 481 483 532 537
551 560 566 567 573 575 597 602 609 664 665

CPY - NIVL

DC - A18 A23 A32 F08

FS - CPI

IC - D06N3/00

MC - A10-E09B A11-B02 A11-B05 A11-C05 A12-B02A F04-B01 F04-B01A

PA - (NIVL) JAPAN VILENE CO LTD

PN - JP48005886B B 00000000 DW197309 000pp

PR - JP19700072789 19700821

XIC - D06N-003/00

AB - J73005886 Method for producing an imitation leather having suppleness, durability and a smooth surface layer, comprises shrinking by wet heat a fibre mat comprising 10% to 40%, based on total wt. of fibres in the mat, of polyvinyl alcohol fibres soluble in hot water and adhering the fibres to one another, impregnating the shrunken mat with a binder (I) under conditions such that the adhesion between the fibres is not destroyed, to form a non-woven cloth having a 5% modulus of ≥ 2.5 kg/3cm, smoothing its surface, forming a resin layer (II) on the smooth surface, and after coagulation and solidification of this surface resin layer, extracting and removing the water-soluble polyvinyl alcohol fibres in the structure of the non-woven cloth. Pref. the polyvinyl alcohol fibres begin to dissolve at about 40 to 80 degrees C. These fibres are mixed with other synthetic, regenerated or natural fibres, which are free from shrinkage, and the resulting mixtures are deposited in the form of fibrous mat. The mat may be needle-punched to cohere the fibres. Binder (I) is e.g. SBR latex and resin (II) is e.g. a polyurethane.

IW - IMITATE LEATHER PRODUCE FIBRE MAT CONTAIN POLYVINYL ALCOHOL FIBRE
IKW - IMITATE LEATHER PRODUCE FIBRE MAT CONTAIN POLYVINYL ALCOHOL FIBRE
NC - 001

OPD - 1970-08-21

ORD - 1900-00-00

PAW - (NIVL) JAPAN VILENE CO LTD

TI - Imitation leather prodn - from fibre mat contg polyvinyl alcohol fibres